TEW

2162

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
nd Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwor	k Reduction Act of 1995, no per	sons are required to res	pond to a collec	tion of informa	tion unless it displays a valid OMB control number
		Application		09/961131-Conf. #4504	
_ T	AL	Filing Date First Named Inventor		September 21, 2001	
	FORM				David J. Gourley
(to be us	sed for all correspondence afte	r initial filing)	Art Unit		2162
			Examiner N	lame	C. Y. T. Truong
Total Number	er of Pages in This Submis	sion	Attomey Do	ocket Numbe	0109878.00124US1
	EN	CLOSURES	(Check all	that app	(y)
Fee Trans	mittal Form	Drawing(s)			After Allowance Communication to TC
Fee	Attached	Licensing-rel	ated Papers		Appeal Communication to Board of Appeals and Interferences
Amendme	nt/Reply	Petition			Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
After	Final	Petition to Convert to a Provisional Application			Proprietary Information
Affid	avits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address		ion Address	Status Letter
Extension	of Time Request	Terminal Disclaimer			X Other Enclosure(s) (please Identify below):
Express A	bandonment Request	Request for Refund			PTO Form SB-08 16 Non-U.S. References
x Information	n Disclosure Statement	CD, Number of CD(s)			Return Postcard
Certified Concument	opy of Priority (s)	Landso	Landscape Table on CD		
Reply to M Incomplete	issing Parts/ Application	Remarks (			
Repl 37 C	y to Missing Parts under FR 1.52 or 1.53				
	SIGNATI	JRE OF APPLICA	INT, ATTOR	RNEY, OR	AGENT
Firm Name	WILMER CUTLER F	PICKERING HAL	E AND DO	ORR LLP	
Signature	ane-hoe	ere Il	tens		
Printed name	Ann-Louise Kerner,	Ph.D.			
Date	March 16, 2006			Reg. No.	33,523

---



Docket No.: 0109878.00124US1 (PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: David J. Gourley et al.

Application No.: 09/961131

Confirmation No : 4504

Filed: September 21, 2001

Art Unit: 2162

For: SCALABLE HIERARCHICAL DATA-DRIVEN
NAVIGATION SYSTEM AND METHOD FOR

Examiner: C. Y. T. Truong

INFORMATION RETRIEVAL

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Dear Sir:

This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. No fee is required.

Applicants request that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

Dated: March 16, 2006

Respectfully submitted,

Ann-Louise Kerner, Ph.D. Registration No.: 33,523

WILMER CUTLER PICKERING HALE AND

DORR LLP 60 State Street

Boston, Massachusetts 02109

(617) 526-6000 Attorney for Applicant



ALL SO JOHN BY

Application No. (if known): 09/961131

Attorney Docket No.: 0109878.00124US1

## Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
on March 16, 2006
Date

Signature
Anthony W. Sutton

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 526-6000 Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

PTO Form SB-08 16 Non-U.S. References Return Postcard IDS (Citation) by Applicant (3 pages) Information Disclosure Statement (1 page) Transmittal (1 page)



PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE appoint to a collection of information unless in ordeline a unit of U.S.

U.S. PATENT DOCUMENTS

Substitute for form 1449A/B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

3 1 of

o respond to a collection of the	formation unless it contains a valid OMB control numb
	Complete if Known
Application Number	09/961131-Conf. #4504
Filing Data	September 21, 2001
First Named Inventor	David J. Gourley
Art Unit	2162
Examiner Name	C. Y. T. Truong
Attorney Docket Number	0100979 001241151

		Document Number	0.0.17	1		Pages, Columns, Lines, Whi
Examiner Initials*	Cite No.1	Number-Kind Code <sup>2</sup> ( # known)	Publication Date MM-DD-YYYYY	Name of Paten Applicant of Cited I		Relevant Passages or Relev Figures Appear
/CT/	AA*	US-4,775,935	10-04-1988	Yourick		
	AB*	US-4,868,733	09-19-1989	Fujisawa et al.		
	AC*	US-5,241,671	08-31-1993	Reed et al.		
	AD*	US-5,418,717	05-23-1995	Su et al.		
	AE*	US-5,418,951	05-23-1995	Damashek		
	AF*	US-5,440,742	08-08-1995	Schwanke		
_	AG*	US-5,485,621	01-16-1996	Schwanke		
	AH*	US-5,544,049	08-06-1996	Henderson et al.		
	AI*	US-5,546,576	08-13-1996	Cochrane et al.		
1	AJ*	US-5,548,506	08-20-1996	Srinivasan		
	AK*	US-5,590,269	12-31-1996	Kruse et al.		
	AL*	US-5,600,829	02-04-1997	Tsatalos et al.		
$\top$	AM*	US-5,630,125	05-13-1997	Zellweger		
	AN*	US-5,634,128	05-27-1997	Messina		
	AO*	US-5,675,784	10-07-1997	Maxwell et al.		
	AP*	US-5,696,916	12-09-1997	Yamazaki et al.		
	AQ*	US-5,724,571	03-03-1998	Woods		
-1-	AR*	US-5,740,425		Povilus		
	AS*	US-5,749,081	05-05-1998	Whiteis		
	AT*	US-5.764.975	06-09-1998	Taniguchi et al.		
_	AU*	US-5.812.998	09-22-1998	Tsutsumi et al.		
1	AV*	US-5,835,905	11-10-1998	Pirolli et al.		
1	AW*	US-5.852.822	12-22-1998	Srinivasan et al.		
_	AX*	US-5,864,845	01-26-1999	Voorhees et al.		
	AY*	US-5,864,846	01-26-1999	Voorhees et al.		
1	AZ*	US-5,864,863	01-26-1999	Burrows		
	AA1°	US-5,870,746	02-09-1999	Knutson et al.		
-		US-5,873,075	02-16-1999	Cochrane et al.		
		US-5,875,440	02-23-1999	Cooperman et al.		
		US-5,875,446		Brown et-al-		
		US-5,878,423	03-02-1999	Anderson et al.		
-		US-5,893,104	04-06-1999	Srinivasan et al.		
		US-5,895,470	04-20-1999	Pirolli et al.		
		US-5,897,639	04-27-1999	Greef et al.		
-	Al1*	US-5,920,859	07-06-1999	Li		
		US-5,926,811		Miller et al.		
		US-5,940,821		Wical		
-		US-5,943,670		Prager		
		US-5,950,189	09-07-1999	Cohen et al.		
				Jacobson et al.		
$\neg$				Castelli et al.		
$\dashv$				Agrawal et al.		
				Hirsch	**	
V				Perlman		
7CT		US-5,986,655		Chiu et al.		
caminer			1000	Onia or an	Date	00/40/0000
caminer conature		/Cam Y Truong/			Date Considered	08/18/2009
6610	_				Considered	

PTO/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	Under the Paperwork Reduction Act of 1995, no persons are required to respond to e collection of information unless it contains a valid OMB control number.						
Substitute for form 1449A/B/PTO				Complete if Known			
				Application Number	09/961131-Conf. #4504		
l IN	IFORMATION	N DI	SCLOSURE	Filing Date	September 21, 2001		
l s	STATEMENT BY APPLICANT			First Nemed Inventor	David J. Gourley		
				Art Unit	2162		
	(Use as many sheets as necessary)			Examiner Name	C. Y. T. Truong		
Sheet	2	of	3	Attorney Docket Number	0109878.00124US1		

/C	I/IAT1*	US-5,987,468	11-16-1999	Singh et al.	
1		US-5.987.470	11-16-1999		
$\Box$		US-5,991,756	11-23-1999		
$\vdash$		US-6,006,217	12-21-1999	Lumsden	
1 1	•				
	AX1*	US-6,006,218	12-21-1999	Breese et al.	
		US-6,006,222	12-21-1999		
	AZ1*	US-6,006,225	12-21-1999	Bowman et al.	
		US-6,009,424	12-28-1999	Lepage et al.	
		US-6,012,006		Ohneda et al.	
		US-6,014,639	01-11-2000	Fohn et al.	
	AD2*	US-6,014,655		Fujiwara et al.	
	AE2*	US-6,014,657	01-11-2000	Weida et al.	
		US-6,014,665	01-11-2000		
	AG2*	US-6,028,605		Conrad et al.	
		US-6,029,195	02-22-2000		
		US-6,038,560	03-14-2000		
		US-6,038,574	03-14-2000		
		US-6,070,162		Miyasaka et al.	
		US-6,112,186	08-29-2000	Bergh et al.	
		US-6,144,958		Ortega et al.	
	AN2*	US-6,236,985	05-22-2001	Aggarwal et al.	
		US-6,240,378		Imanaka et al.	
		US-6,240,409	05-29-2001		
		US-6,243,713		Nelson et al.	
		US-6,263,334	07-17-2001	Fayyad et al.	
		US-6,269,368	07-31-2001		
		US-6,272,507	08-07-2001		
		US-6,289,354		Aggarwal et al.	
		US-6,301,577		Matsumoto et al.	
	AW2	US-6,317,741	11-13-2001	Burrows	
		US-6,339,767		Rivette et al.	
		US-6,385;602	05-07-2002		
	AZ2*	US-6,397,221	05-28-2002	Greef et al.	
	AA3*	US-6,446,068	09-03-2002	Kortge	
		US-6,519,618	02-11-2003	Snyder	
		US-6,611,825		Billheimer et al.	
		US-6,633,868	10-14-2003	Min et al.	
		US-6,647,391	11-11-2003		
		US-6,697,801	02-24-2004	Eldredge et al.	
		US-6,763,351	07-13-2004	Subramaniam et al.	
~	AH3*	US-6,845,354	01-18-2005		
70	AI3°	US-6,853,982	02-08-2005	Smith et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initiats*	Cite No.1	Foreign Petent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>4</sup> (If known)	Publication Date MM-DD-YYYY	Name of Petentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
Examiner Signature		/Cam Y Truong/		Date Considered	08/18/2009			

Approved for use through 07/31/2006. OMB 0851-0031
U.S. Palent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/B/PTO					Complete if Known		
				Application Number 09/961131-Conf. #4504			
- IN	IFORMATIC	N DI	SCLOSURE	Filing Date	September 21, 2001		
S	STATEMENT BY APPLICANT			First Named Inventor	David J. Gourley		
				Art Unit	2162		
	(Use as many	sheets a:	s necessary)	Examiner Name	C. Y. T. Truong		
Sheet	3	of	3	Attorney Docket Number	0109878.00124US1		

"EXAMINED: Initial indexence consistent, whether or not diston in in conformance with AMPED 900. Other line in brough chellon if not in conformance and not considered. Include copy of this form with near communication in applicant. "OTE Not. Those applicants which when deep with near single entering who to the Cities. No. see nor supplied (under 37 CFR 1.98(e)(2)(3))) because that application was filled either June 30, 2003 or is evaluable in the IFW. "Applicants unique clication designed number of produce." See Refine Cookies of USPTO Feers Occurrent at termunicationg or MPPF 901/140." Either Cities extend unique clication designage or MPPF 901/140. "Enter Cities extend proceed in the product of the p

		NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.¹	magazine, journai, senai, symposium, catalog, etc.), date, page(s), volume-issue number(s), published.					
/CT/	CA	Amato, et al., "Region proximity in metric spaces and its use for approximate similarity search", ACM Trans. In. System, (2003), Vol. 21(2), pp. 192-227					
	СВ	BERGSTROM, "A family of delphi components for case-based reasoning", Proceedings 11th IEEE International Conference on Chicago, (1999), pp. 153-160					
Т	СС	BEYER et al., "When is 'Nearest Neighbor' meaningful", Proceedings of the 7th International Conference on Database Theory", (1999)					
	CD	DIAMANTINI et al., "A conceptual indexing method for content-based retrieval", Database and Expert Systems Applications. Proceedings Tenth Workshop on Florence Italy, (1999), pp. 192-197					
	CE	GUHA et al., "ROCK: A robust clustering algorithm for categorical attributes", Data Engineering Proceedings 15th International Conference on Sidney, (1999), pp. 512-521					
	CF	GUTTMAN, "R-Trees: A dynamic index structure for spatial searching", Proceedings of the ACM SIG-MOD Conference, (1984)					
Т	CG	HAN-JOON, K. et al., "An effective document clustering method using user-adaptable distance metrics.", SAC, (2002), 16-20					
	СН	HONGYAN JING, "Information retrieval based on context distance and morphology", Proceedings of the 22nd annual international ACM SIGIR conference on Research and Development in information retrieval, pp. 90-96, August 1999					
	CI	HINNEBURG et al., "What is the nearest neighbor in high dimensional spaces", Proceedings of the 26th VLDB Conference, (2000)					
	3	MILLER et al., "DataWeb: Customizable Database Publishing for the Web" IEEE Multimedia, 4(4):14-21(1997)					
	СК	MILLER et al., "Integrating Hierarchical Navigation and Querying: A User Customizable Solution" ACM Multimedia Workshop on Effective Abstractions in Multimedia Layout, Presentation, and Interaction, San Francisco, CA, November (1995).					
	CL	PI-SHENG, "Using case-based reasoning for decision support", Proceedings of the 27th Annual Hawaii International Conference on System Sciences, (1994), pp. 552-561					
	СМ	SALTON et al., "Term-weighting approaches in automatic test retrieval", Information Processing & Management, (1988), Vol. 24(5), pp. 513-523					
	CN	SHAMOS et al., "Closest-point problems", Proceedings of the 16th Annual Symposium on Foundations of Computer Science, IEEE (1975)					
V	со	Yahoo!, Copyright 1999 Yahoo! Inc., <a href="http://web.archive.org/web/19991116151216/http://www4.yahoo.com/">http://wew4.yahoo.com/&gt;.</a>	_				
/CT/	CP	Yahoo 1996 (Exhibit 12-16)					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformence with MPEP 609. Oraw line through citation ill not in conformence and not considered. Include copy of this form with next communication to applicant.

Examiner	Com V Truonal	Date	00/10/0000
Signature	/Cam Y Truong/	Considered	08/18/2009